## **CHAPTER FOURTEEN**

## OIL COOLER AND COOLING FAN

TRX350FE, TRX350FM and TRX350TE models are equipped with an oil cooler and cooling fan. TRX350TM model is equipped with an oil cooler, but not a cooling fan.

This chapter describes information for servicing the oil cooler and cooling fan assembly. These components can be left in place when servicing the engine and suspension components.

#### **OIL HOSES**

## Replacement

## Refer to Figure 1.

- 1. Label the hoses before disconnecting them from the oil cooler.
- 2A. On the right hose, remove the right center mud guard, front mud flap and inner fender panel as described in Chapter Fifteen.
- 2B. One the left hose, remove the left center mud guard, front mud flap and inner fender panel as described in Chapter Fifteen.

- 3. Remove the lower mounting bolts (**Figure 2**).
- 4. Remove the upper mounting bolts (A, **Figure 3**), then remove the oil hose.
- 5. Replace the O-rings (**Figure 4**) if they are leaking, chafing or damaged.
- 6. Lubricate the O-rings with engine oil.
- 7. Install the new hoses as shown in **Figure 1**. Tighten the mounting bolts securely.

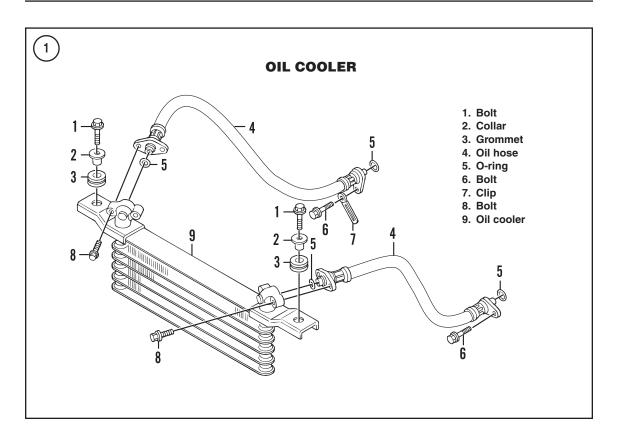
## OIL COOLER

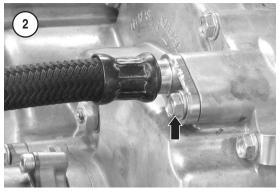
### Refer to Figure 1.

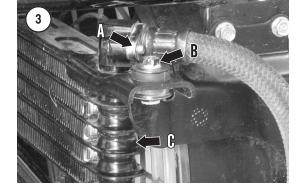
#### Removal/Installation

- 1. Drain the engine oil (Chapter Three).
- 2. Remove the oil cooler hoses as described in this chapter.
- 3. Remove the bolts and the oil cooler mounting brackets (B, **Figure 3**).
- 4. Remove the oil cooler (C, Figure 3) from the frame.

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- 5. Inspect the cooler for bent or damaged cooling fins.
- 6. Install the oil cooler by reversing the preceding removal steps. Tighten all of the mounting bolts securely.

# COOLING FAN (EXCEPT TRX350TM)

Refer to Figure 5.



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